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TRANSMISSION

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(57) Abstract:

PROBLEM TO BE SOLVED: To transmit driving force by a power circulation mode while a trend toward large size transmission is suppressed.

SOLUTION: A first planetary gear mechanism 7 is formed of single pinions, while a second planetary gear mechanism 8 is formed of double pinions. A power circulation clutch 10 is interposed between an input disc 2 and a ring gear 8r of the second planetary gear mechanism, an output disc 3 and a sun gear 7s of the first planetary gear mechanism 7 are connected, and a fixed shaft 15 supports a carrier 7c of the first planetary gear mechanism 7, while a directly-coupled clutch 9 is interposed between an output shaft 12 and a carrier 8c of the second planetary gear mechanism 8, and a sun gear 8s of the second planetary gear mechanism 8 is connected to the output shaft 12.

